

AF/1644
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Patent
Attorney's Docket No. 002010-742

UNITED STATES PATENT AND TRADEMARK OFFICE

P#23

In re Patent Application of

Mary M. BENDIG *et al.*

Application No.: 09/155,739

Filed: September 11, 1998

For: THERAPEUTIC USES OF
HUMANIZED ANTIBODIES AGAINST
ALPHA-4 INTEGRIN

) BOX AF

) Group Art Unit: 1644

) Examiner: Phillip Gambel

) Confirmation No.: 9068

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

FEB 20 2003

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Alexandria, Virginia 22313-1404
(703) 836-6620

By: 
Mercedes K. Meyer
Registration No. 44,989

Date: February 13, 2003

02/14/2003 MGBREM1 00000051 09155739

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INFORMATION DISCLOSURE STATEMENT

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Consideration and making of record in the application identified in caption of the accompanying Information Disclosure Statement are respectfully requested. A statement in accordance with 37 C.F.R. § 1.97(e) and an IDS fee set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 (1806) are being submitted to comply with the provisions of 37 C.F.R. § 1.97(d).

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office dated January 23, 2003 in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office dated January 23, 2003 in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than 30 (thirty) days prior to the filing of this Information Disclosure Statement.

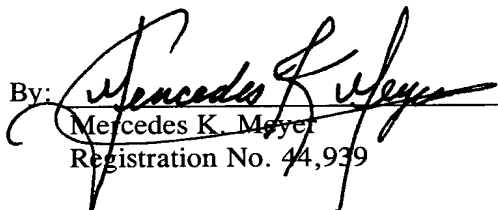
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

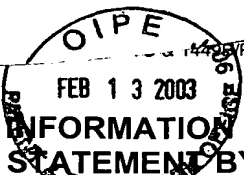
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: February 13, 2003

By:


Mercedes K. Meyer
Registration No. 44,939

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

ATTORNEY'S DKT NO.

002010-742

APPLICATION No.

09/155,739

APPLICANT

Mary M. BENDIG *et al.*

FILING DATE

September 11, 1998

GROUP

1644

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No
	WO 96/01644	A1	PCT	01-25-1996	
	WO 95/19790	A1	PCT	07-27-1995	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Supplementary European Search Report mailed January 23, 2003
	Vito G. SASSEVILLE <i>et al.</i> , "Monocyte Adhesion to Endothelium in Simian Immunodeficiency Virus-Induced AIDS Encephalitis is Mediated by Vascular Cell Adhesion Molecule-1/ $\alpha 4 \beta 1$ Integrin Interactions", American Journal of Pathology, 1994, pgs. 27-40, Vol. 144, No. 1, American Society for Investigative Pathology with the assistance of Stanford University Libraries' HighWire Press, Stanford, California, USA
	Marina PRETOLANI <i>et al.</i> , "Antibody to Very Late Activation Antigen 4 Prevents Antigen-Induced Bronchial Hyperreactivity and Cellular Infiltration in the Guinea Pig Airways", J. Exp. Med., 1994, pgs. 795-805, Vol. 180, No. 3, The Rockefeller University Press with the assistance of Stanford University Libraries' HighWire Press, Stanford, California, USA
	V.B. WEG <i>et al.</i> , "A Monoclonal Antibody Recognizing Very Late Activation Antigen-4 Inhibits Eosinophil Accumulation <i>In Vivo</i> ", J. Exp. Med., 1993, pgs. 561-566, Vol. 177, No. 2, The Rockefeller University Press with the assistance of Stanford University Libraries' HighWire Press, Stanford, California, USA
	L.C. PAUL <i>et al.</i> , "Monoclonal Antibodies Against LFA-1 and VLA-4 Inhibit Graft Vasculitis in Rat Cardiac Allografts", Transplantation Proceedings, 1993, pgs. 813-814, Vol. 25, No. 1, Pt. 1, Elsevier Science, Oxford, United Kingdom
	Patricia L. CHISHOLM <i>et al.</i> , "Monoclonal Antibodies to the Integrin $\alpha 4$ Subunit Inhibit the Murine Contact Hypersensitivity Response", Eur. J. Immunol., 1993, pgs. 682-688, Vol. 23, No. 3, VCH Verlagsgesellschaft mbH, Weinheim, Germany
	Daniel K. PODOLSKY <i>et al.</i> , "Attenuation of Colitis in the Cotton-Top Tamarin by Anti- $\alpha 4$ Integrin Monoclonal Antibody", J. Clin. Invest., 1993, pgs. 372-380, Vol. 92, No. 1, The American Society for Clinical Investigation, Inc. with the assistance of Stanford University Libraries' HighWire Press, Stanford, California, USA
	Kazuya TSUKAMOTO <i>et al.</i> , "Administration of Monoclonal Antibodies Against Vascular Cell Adhesion Molecule-1/Very Late Antigen-4 Abrogates Predisposing Autoimmune Diabetes in NOD Mice", Cellular Immunology, 1995, pgs. 193-201, Vol. 165, No. 2, Academic Press, Inc., Elsevier Science, Oxford, United Kingdom
	Myron I. CYBULSKY <i>et al.</i> , "Endothelial Expression of a Mononuclear Leukocyte Adhesion Molecule During Atherogenesis", Science, 1991, pgs. 788-791, Vol. 251, No. 4995, American Association for the Advancement of Science with the assistance of Stanford University Libraries' HighWire Press, Stanford, California, USA

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.